

APPARATUS AND METHODS FOR DYNAMICALLY PRESSURE TESTING AN
ARTICLE

ABSTRACT OF THE DISCLOSURE

[0019] The dynamic pressure tester includes a first cylinder and a first piston movable relative to the cylinder. The piston may have one or more weights applied thereto. The cylinder is vibrated by a shaker table and pressure pulses in the fluid are transmitted to a stationary housing and to a second piston in the housing. The opposite side of the piston contacts a corrosive or caustic fluid also in contact with the sensor face of an article being tested. The pressure pulses are transmitted by the second piston and corrosive fluid to the sensor face, enabling dynamic pressure testing in the corrosive fluid.